

**Listing of claims:**

1. (Previously Presented) An automation system for creating an automation solution in automation technology, said system comprising:  
a plurality of automation objects which are to be created and worked on, each automation object realizing a partial automation solution;  
a directory for entering and storing object names of the automation objects when created;  
directory entries assigned to the respective object names, each directory entry including first information data as a reference to the respective automation object, second information data as a description of technological functionality of the respective automation object and third information data as a description of an interface of the respective automation object,  
wherein once entry into the directory has taken place, the respective automation object can be viewed by at least one of other users and tools, and  
wherein the object name of the respective automation object can be used to request a reference to the respective automation object to be worked on by a number of users in parallel to create the automation solution in automation technology.
2. (Previously Presented) The automation system as claimed in claim 1, wherein each directory entry includes fourth information data for listing the names of subcomponents of the respective automation object.
3. (Previously Presented) The automation system as claimed in claim 1, wherein the automation system includes means for the automatic entry of an automation object into the directory.
4. (Previously Presented) The automation system as claimed in claim 1, wherein the automation system includes means for indicating that an automation object is no longer available and that a copy of the object is being created.

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5. (Previously Presented) The automation system as claimed in claim 2, wherein the automation system includes means for the automatic entry of an automation object into the directory.

6. (Previously Presented) The automation system as claimed in claim 2, wherein the automation system includes means for indicating that an automation object is no longer available and that a copy of the object is being created.

7. (Previously Presented) The automation system as claimed in claim 3, wherein the automation system includes means for indicating that an automation object is no longer available and that a copy of the object is being created.

8. (Previously Presented) The automation system as claimed in claim 5, wherein the automation system includes means for indicating that an automation object is no longer available and that a copy of the object is being created.

9. (Previously Presented) An automation system for creating an automation solution in automation technology, said system comprising:  
a plurality of automation objects which are to be created and worked on, each automation object realizing a partial automation solution;  
a memory for entering and storing object names of the automation objects, when created, as directory entries in a directory, wherein each object name includes,  
first information data as a reference to the respective automation object,  
second information data as a description of technological functionality of the respective automation object, and  
third information data as a description of an interface of the respective automation object,  
wherein the respective automation object, when in the directory, is viewable by at least one of another user and a tool, and

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wherein the object name of the respective automation object is usable to request a reference to the respective automation object to be worked on by a plurality of users in parallel to create the automation solution in automation technology.

10. (Previously Presented) The automation system as claimed in claim 9, wherein each directory entry includes fourth information data for listing the names of subcomponents of the respective automation object.

11. (Previously Presented) The automation system as claimed in claim 9, wherein the automation system further comprises means for the automatic entry of an automation object into the directory.

12. (Previously Presented) The automation system as claimed in claim 9, wherein the automation system further comprises means for indicating that an automation object is no longer available and that a copy of the object is being created.

13. (Previously Presented) The automation system as claimed in claim 10, wherein the automation system further comprises means for the automatic entry of an automation object into the directory.

14. (Previously Presented) The automation system as claimed in claim 10, wherein the automation system further comprises means for indicating that an automation object is no longer available and that a copy of the object is being created.

15. (Previously Presented) The automation system as claimed in claim 11, wherein the automation system further comprises means for indicating that an automation object is no longer available and that a copy of the object is being created.

16. (Previously Presented) The automation system as claimed in claim 13, wherein the automation system further comprises means for indicating that an automation object is no longer available and that a copy of the object is being created.

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17. - 18. (Canceled)